

Sheldrake, Sean

From: Sheldrake, Sean
Sent: Thursday, April 02, 2015 8:26 AM
To: bayuk.dana@deq.state.or.us
Cc: Lance Peterson (PetersonLE@cdmsmith.com)
Subject: FW: NW Natural, Source Control Document Review and Trench Cost-Range Estimate
Attachments: Gasco Fill WBZ Planning Level Cost.pdf; Fill WBZ Trench Cost Estimate.xlsx

Dana, I wanted to get this to you asap. You may want to handle this information with care as it could bias the outcome of fixed price contracting, if this information were to get out.

Shall we have a call to talk through individual line items? I've only begun to sort through it and have a few questions.

S

Sean Sheldrake, Unit Diving Officer, RPM
EPA Region 10, 1200 Sixth Ave., Suite 900; Mailstop DOC-01
Seattle, WA 98101
206.553.1220 desk
206.225.6528 cell
<http://yosemite.epa.gov/r10/cleanup.nsf/sites/ptldharbor>
<http://www.epa.gov/region10/dive/>

Like us on Facebook! <https://www.facebook.com/EPADivers>

From: BAYUK Dana [<mailto:BAYUK.Dana@deq.state.or.us>]
Sent: Tuesday, March 03, 2015 10:10 AM
To: Sheldrake, Sean
Subject: RE: NW Natural, Source Control Document Review and Trench Cost-Range Estimate

That's correct Sean...a ballpark cost range estimate for constructing the trench along an alignment near the wells in two segments. Also a reality check on whether initiating trench work in 6-months is reasonable presuming the existing design can be applied to the alignment near the wells.

I was thinking the information might be useful for future discussions as cost and timing are likely to be factors that NW Natural and Siltronic push-back on.

Thanks much,

Dana

Mr. Dana Bayuk, Project Manager
NW Region Cleanup & Site Assessment Section
Oregon Department of Environmental Quality
2020 SW 4th Avenue, Suite 400
Portland, OR 97201
E-mail: bayuk.dana@deq.state.or.us
Phone: 503-229-5543
FAX: 503-229-6899

Please visit our website at <http://www.oregon.gov/DEQ/>



please consider the environment before printing this email

From: Sheldrake, Sean [<mailto:sheldrake.sean@epa.gov>]
Sent: Monday, March 02, 2015 7:09 PM
To: BAYUK Dana
Subject: Re: NW Natural, Source Control Document Review and Trench Cost-Range Estimate

Dana, I think so, let me get back to you after I make sure we're on the same page for cost. We're just talking about a conceptual sort of ballpark, correct?

S

Sean Sheldrake, Unit Diving Officer, RPM
USEPA
206.553.1220 desk
206.225.6528 cell

On Mar 2, 2015, at 6:13 PM, BAYUK Dana <BAYUK.Dana@deq.state.or.us> wrote:

Hello Sean...are the cost-range estimate and schedule evaluation for the trench work items CDM can do?

Thanks for letting me know and have a good evening.

Dana

From: Sheldrake, Sean [sheldrake.sean@epa.gov]
Sent: Monday, March 02, 2015 2:07 PM

To: BAYUK Dana

Cc: 'Peterson, Lance'; 'Coffey, Scott (CoffeySE@cdmsmith.com)'; 'Gamache, Matthew'; GAINER Tom; LARSEN Henning

Subject: RE: NW Natural, Source Control Document Review and Trench Cost-Range Estimate

Thanks for the rundown Dana. I don't have any questions at this point, but appreciate the information. Quite a day up here too! S

Sean Sheldrake, Unit Diving Officer, RPM

EPA Region 10, 1200 Sixth Ave., Suite 900; Mailstop DOC-01

Seattle, WA 98101

206.553.1220 desk

206.225.6528 cell

<http://yosemite.epa.gov/r10/cleanup.nsf/sites/ptldharbor>

<http://www.epa.gov/region10/dive/>

Like us on Facebook! <https://www.facebook.com/EPADivers><<https://www.facebook.com/EPADivers?ref=hl>>

From: BAYUK Dana [<mailto:BAYUK.Dana@deq.state.or.us>]

Sent: Monday, March 02, 2015 12:41 PM

To: Sheldrake, Sean

Cc: 'Peterson, Lance'; 'Coffey, Scott (CoffeySE@cdmsmith.com)'; 'Gamache, Matthew'; GAINER Tom; LARSEN Henning

Subject: NW Natural, Source Control Document Review and Trench Cost-Range Estimate

Afternoon Sean.

After last week's discussions with Anchor about the Fill WBZ trench and source control report status, I think EPA and DEQ should review the outlines provided for the four source control documents currently being prepared. The four documents include:

- Hydraulic Control and Containment System Capture Performance and Monitoring Plan
- Contaminated Materials Management Plan Groundwater Treatment System Operations and Maintenance Manual
- Groundwater Hydraulic Control and Containment system Operations and Maintenance Manual

Anchor sent the outlines for each of the documents listed by e-mail on 2/23/15 (see attached).

In addition, I propose that we: 1) develop a cost-range estimate for constructing the two priority sections of the trench on the Gasco Site and; 2) further evaluate beginning construction of the two sections in early November 2015 (i.e., 6-months following a presumed HC&C system Phase 2 test start date of May 1st). The purpose of this work is to provide the EPA/DEQ teams with additional

information to support our position during future discussions with NW Natural regarding the scope and schedule for constructing the trench.

Let me know if you have questions or need more information about the work I'm proposing and hope the weather there is as nice as here.

Dana

Mr. Dana Bayuk, Project Manager
NW Region Cleanup & Site Assessment Section
Oregon Department of Environmental Quality
2020 SW 4th Avenue, Suite 400
Portland, OR 97201
E-mail: bayuk.dana@deq.state.or.us<<mailto:bayuk.dana@deq.state.or.us>>
Phone: 503-229-5543
FAX: 503-229-6899

Please visit our website at <http://www.oregon.gov/DEQ/>

P please consider the environment before printing this email